SMC Networks

SMC7904WBRA-N
ADSL2 Barricade™ N Pro
Draft 11n Wireless 4-port ADSL2/2+ Modem Router

OVERVIEW

The ADSL2 Barricade™ N Pro Modem Router (SMC7904WBRA-N) is the perfect all-in-one networking solution for connecting and sharing your high speed ADSL Internet connection. Designed for the home and office, this platform independent multi-functional router combines a built-in ADSL2/2+ Modem, 4-port 10/100 LAN switch, high speed Wireless-N (draft 802.11n) access point, NAT firewall with Stateful Packet Inspection (SPI) and a user friendly web-based management interface in one convenient device.

The built-in wireless access point is Wi-Fi certified for full compliance with the 802.11n draft v2.0 standard, as well as the popular Wireless-G (802.11g) and Wireless-B (802.11b) standards. This next generation wireless networking standard utilizes advanced MIMO (Multiple-In, Multiple-Out) technology to deliver incredible speed and range. With wireless speeds up to 300Mbps and up to 3x the coverage, there is enough bandwidth to simultaneously stream video and audio, play online games, transfer large files, make VoIP calls and

surf the Internet. With security being a key consideration, SMC7904WBRA-N supports the latest WPA and WPA2 wireless encryption standards, which prevent unauthorized access to wireless networks and ensure data is secure. Wireless security can also be set up easily using Wi-Fi Protected Setup™ (WPS) that enables push button or PIN configuration.

The integrated NAT firewall with SPI provides protection from hackers and Denial of Service attacks by analyzing individual data packets, to ensure that only authorized packets are allowed access to the network. Using the Access Control feature parents or network administrators can block certain websites, limit web access based on time or dates, and/or block internet access for applications like P2P utilities or games. Finally, configuration of your internet connection and advanced router functions is made simple and straightforward with the EZ™ Installation Wizard and intuitive web-based management interface.

FEATURES	BENEFITS
Built-in ADSL2/2+ Modem	Plugs directly into your ADSL line for always on high speed Internet access – up to 24Mbps download speeds.
4-port 10/100 LAN switch with auto MDI-MDIX	Directly connect four computers or expand your network by connecting additional switches. Auto MDI-MDIX means you do not need to worry about cross-over cables.
Built-in Wireless-N (draft 802.11n) access point	With wireless speeds up to 300Mbps and extended coverage, there is enough bandwidth to simultaneously stream video and audio, play online games, transfer large files, make VoIP calls and surf the Internet.
WPA/WPA2 Encryption	Prevents unauthorized access to your wireless network and insures your data is secure.
Wi-Fi Protected Setup™ (WPS)	Makes wireless security setup easy with push button and PIN configuration methods.
NAT firewall with Stateful Packet Inspection (SPI)	Provides protection from hackers and Denial of Service attacks by analyzing individual data packets, to ensure that only authorized packets are allowed access to your network.
Web-Based management interface	Simple and straightforward set-up with the intuitive web-based management interface and Installation Wizard.

PHYSICAL
- One ADSL2/2+ RJ-11 port
- 4-port 10/100Mbps LAN switch
- Two 3.5dBi external antennas + 3.5dBi internal preset antenna
- WPS button
- On/Off Power Switch
- Reset button

ADSL FEATURES
- T1.413, G.DMT, G.LITE, ADSL2, ADSL2+
- Dying GASP support
- Annex A, L, M
- TR-067 interoperability tested

ATM FEATURES
- Class-of-Service: UBR, CBR, VBR, VBR-rt and VBR-nrt
- Multiple PVC's - up to 8 concurrent
- RFC1483 Encapsulation (IP, Bridging and Encapsulated routing)
- PPP over ATM (RFC2364)
- PPP over Ethernet (RFC2516)
- Classical IP (RFC1577)
- VC-Mux & LLC encapsulation
- OAM F4/F5 support

MANAGEMENT FEATURES
- EZ Installation Wizard
- Web based management interface (HTTP)
- Remote management

SECURITY FEATURES
- NAT Firewall with SPI
- Denial-of-Service protection
- Intrusion Detection System
- Access Control
- Web Filter
- DMZ Host
- IPSec, PPTP and L2TP VPN pass-through
- SSID Broadcast disable
- MAC address Filtering
- WEP 64-/128-Bit Encryption
- WPA-/WPA2-PSK (Pre Shared Key)
- WPA/WPA2 Enterprise mode (802.1x)

ROUTER FEATURES
- NAT (Network Address Translation) / PAT (Port Address Translation)
- ALG (Application Level Gateways)
- Virtual Server
- Virtual DMZ Host
- UPnP IGD compliant
- DHCP Server
- DNS Proxy/Relay
- Dynamic DNS (DynDNS.org and TZO.com)
- System log

STANDARDS
- IEEE802.3 (10Base-T), IEEE802.3u (100Base-TX)
- IEEE802.11b, IEEE802.11g, IEEE802.11n draft v2.0

OPERATING FREQUENCY
- FCC: 2412~2462MHz (Ch1~Ch11)
- ETSI: 2412~2472MHz (Ch1~Ch13)

TYPICAL RF OUTPUT POWER
- 11n Mode: 14dBm
- 11g Mode: 14dBm
- 11b Mode : 17.5dBm

TEMPERATURE
- Operating: 0 degrees C to 40 degrees C
- Storage: -20 degrees C to 70 degrees C

HUMIDITY
- Operating: 10% to 85% Non-condensing
- Storage: 5% to 95% Non-condensing

DIMENSIONS
- 189 x 156 x 31 mm
- 7.4 x 6.14 x 1.2 in

WEIGHT
- 0.31Kg
- 0.64lbs

POWER INPUT
- 15V/0.8A

CERTIFICATIONS
- FCC
- CE

SYSTEM REQUIREMENTS
- ADSL Internet service
- 2.4GHz 802.11n draft wireless adapter or 2.4GHz 802.11b/g wireless adapter installed on each PC. Alternatively an Ethernet adapter can be used.
- Internet Explorer 5.5 or above, Netscape 4.7 or above, Mozilla Firefox 1.0 or above

PACKAGE CONTENTS
- ADSL2 Barricade™ N Modem Router (SMC7904WBRA-N)
- Power Supply
- RJ-45 Ethernet cable
- RJ-11 Phone cable
- Documentation CD
- Quick Installation Guide
- Warranty Information Card

WARRANTY
- 3 Years

CONTACT

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